

Appln. No. 10/019,563
Amdt dated June 10, 2003

This listing of claims will replace all prior versions, and listings,
of claims in the application:

Listing of Claims:

- Sub B1
- a1
1. (Cancelled)
 2. (Cancelled)
 3. (Cancelled)
 4. (Cancelled)
 5. (Cancelled)
 6. (Cancelled)
 7. (Cancelled)
 8. (Cancelled)
 9. (Cancelled)
 10. (Cancelled)

11. (New) A medical apparatus for remodeling a mitral valve annulus adjacent to the coronary sinus, comprising:

an elongate body, having a proximal end region and a distal end region, each of the proximal and distal end regions dimensioned to reside completely within the vascular system, the elongate body being movable from a first configuration for transluminal delivery to at

Appln. No. 10/019,563
Amdt dat d June 10, 2003

least a portion of the coronary sinus to a second configuration for remodeling the mitral valve annulus proximate the coronary sinus;

a forming element attached to the elongate body for manipulating the elongate body from the first transluminal configuration to the second remodeling configuration; and

a lock for retaining the elongate body in the second configuration at least in part within the coronary sinus.

12. (New) The medical apparatus according to claim 11, wherein the forming element is secured to the elongate body at a point of attachment and the forming element is movable relative to the elongate body in order to adjust the elongate body within the coronary sinus between the first and second configurations.

13. (New) The medical apparatus according to claim 12, wherein the forming element is adapted to be severed while the elongate body is positioned at least in part within the coronary sinus in the second configuration.

14. (New) The medical apparatus according to claim 13, further comprising a cutting tool which is adapted to sever the forming element while the elongate body is positioned at least in part within the coronary sinus.

15. (New) A medical apparatus as in claim 11, wherein the elongate body defines an arc when in the remodeling configuration.

16. (New) A medical apparatus as in claim 11, further comprising a coating on the body.

Appln. No. 10/019,563
Amdt dated Jun 10, 2003

17. (New) A medical apparatus as in claim 11, wherein the apparatus is movable from the implantation configuration to the remodeling configuration in response to proximal retraction of the forming element.

18. (New) A medical apparatus as in claim 11, wherein the apparatus is movable from the implantation configuration to the remodeling configuration in response to distal advancement of the forming element.

19. (New) A medical apparatus as in claim 11, further comprising an anchor for retaining the apparatus at a deployment site within a vessel.

20. (New) A medical apparatus as in claim 9, wherein the anchor comprises a friction enhancing surface structure for engaging the wall of the vessel.

21. (New) A medical apparatus as in claim 9, wherein the anchor comprises at least one barb for piercing the wall of the vessel.

22. (New) A medical apparatus for remodeling a mitral valve annulus adjacent to the coronary sinus, comprising:

an elongate body, having a proximal end region and a distal end region, each of the proximal and distal end regions dimensioned to reside completely within the vascular system, the elongate body being movable from a first configuration for transluminal delivery to at least a portion of the coronary sinus and a second configuration for remodeling the mitral valve annulus proximate the coronary sinus;

Appln. No. 10/019,563
Amdt dated June 10, 2003

1
O
a forming element attached to the elongate body for manipulating the elongate body from the first transluminal configuration to the second remodeling configuration, the forming element secured to the elongate body at a point of attachment and movable relative to the elongate body in order to adjust the elongate body within the coronary sinus between the first and second configurations, the forming element adapted to be severed while the elongate body is positioned at least in part within the coronary sinus in the second configuration; and

a cutting tool adapted to sever the forming element while the elongate body is positioned at least in part within the coronary sinus;

wherein the elongate body is interchangeably adjustable between the first and second configurations within the coronary sinus.